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P. 01

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**Fax Transmission** | **Date: July 27, 2005**

<b>To:</b>	<b>From: Samuel M. Freund, Esq.</b>
<b>Company: USPTO</b>	<b>Our Ref.: UIC.02USU1 (CV107/NPU)</b>
<b>Your Ref: App. #10/600,141</b>	<b>Fax No.: (970) 492-1101</b>
<b>Fax No.: 571-273-8300</b>	<b>Phone No.: (970) 492-1100</b>
<b>Phone No.:</b>	<b>Total Pages: 15 (Inc. cover sheet)</b>
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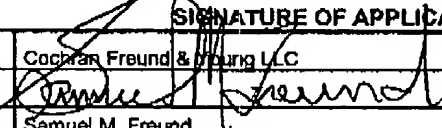
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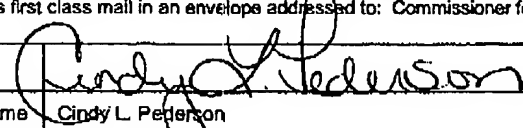
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<b>TRANSMITTAL FORM</b> (to be used for all correspondence after initial filing)		Application Number	10/600,141
		Filing Date	June 20, 2003
		First Named Inventor	Charles K. Rhodes
		Art Unit	2828
		Examiner Name	James Vannucci
Total Number of Pages in This Submission	14	Attorney Docket Number	UIC.02USU1 (CV107/NPU)

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance communication to (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks Communication; "Response A" & Date Stamped Return Receipt Postcard		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	Cochran Freund & Young LLC		
Signature			
Printed name	Samuel M. Freund		
Date	July 27, 2005	Reg. No.	30,459

CERTIFICATE OF TRANSMISSION/MAILING	
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.	
Signature	
Typed or printed name	Cindy L. Peterson
Date	July 27, 2005

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Cochran Freund & Young LLC  
2026 Caribou Drive, Suite 201  
Fort Collins, CO 80525

## PATENT APPLICATION

DOCKET NO.: UIC.02USU1 (CV107/NPU)

IN THE  
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Charles K. Rhodes and Keith Boyer

Application No.: 10/600,141

Examiner: James Vannucci

Filing Date: June 20, 2003

Group Art Unit: 2828

Title: Ultrabright Tunable Coherent Multikilovolt X-Ray Source

COMMISSIONER FOR PATENTS  
Alexandria, VA 22313-1450

## TRANSMITTAL LETTER FOR RESPONSE/AMENDMENT

Sir:

Transmitted herewith is/are the following in the above-identified application:

- (X) Response/Amendment – "Response A" (OA 12-22-2004) ( ) Petition to extend time to respond  
( ) New fee as calculated below ( ) Supplemental Declaration  
(X) No additional fee  
( ) Other:

CLAIMS AS AMENDED BY SMALL ENTITY						
(1) FOR	(2) CLAIMS REMAINING AFTER AMENDMENT	(3) NUMBER EXTRA	(4) HIGHEST NUMBER PREVIOUSLY PAID FOR	(5) PRESENT EXTRA	(6) RATE	(7) ADDITIONAL FEES
TOTAL CLAIMS	14	MINUS	14	=	X \$25	\$0
INDEP. CLAIMS	2	MINUS	2	=	X \$100	\$0
[ ] FIRST PRESENTATION OF A MULTIPLE DEPENDENT CLAIM					+ \$180	\$0
EXTENSION FEE	1ST MONTH \$60	2ND MONTH \$225	3RD MONTH \$510	4TH MONTH \$795	\$0	
TOTAL FEE FOR THIS AMENDMENT					\$0	

- ( ) Attached is a check for \$ \_\_\_\_\_  
( ) Please charge to Deposit Account 50-1491 the amount of \$ \_\_\_\_\_

(X) At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account 50-1491 pursuant to 37 CFR 1.25. Additionally please charge any fees to Deposit Account 50-1491 under 37 CFR 1.19, 1.20 and 1.21. A duplicate copy of this sheet is enclosed.

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in an envelope addressed to:  
Mail Stop Amendment, Commissioner for Patents,  
P. O. Box 1450, Alexandria, VA 22313-1450

Respectfully submitted,

By:

Samuel M. Freund  
Attorney/Agent for Applicant(s)  
Reg. No.: 30,459  
Telephone No.: (970) 492-1100

Date of Deposit: March 22, 2005

Date: March 22, 2005

Signature:

Typed Name: Adrienne L. Barclay

EV669056045US

Attach as First Page to Transmitted Papers

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FAX NO.

P. 06

Cochran Freund & Young LLC  
2026 Caribou Drive, Suite 201  
Fort Collins, CO 80525

PATENT APPLICATION

DOCK NO.: UTC.02USU1 (CV107/NPU)

IN THE  
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Charles K. Rhodes and Keith Boyer

Application No.: 10/600,141

Examiner: James Vannucci

Filing Date: June 20, 2003

Group Art Unit: 2828

Title: Ultrabright Tunable Coherent Multikilovolt X-Ray Source

COMMISSIONER FOR PATENTS  
Alexandria, VA 22313-1450

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TOTAL FEE FOR THIS AMENDMENT					\$0	

- ( ) Attached is a check for \$ \_\_\_\_\_  
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Respectfully submitted,

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Samuel M. Freund  
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Charles K. Rhodes and Keith Boyer

Docket No.: UIC.02USU1  
(CV107/NPU)

Application No.: 10/600,141

Examiner: James Vannucci

Filed: June 20, 2003

Art Unit: 2828

For : ULTRABRIGHT TUNABLE COHERENT MULTIKILOVOLT X-RAY SOURCE

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Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

**RESPONSE A**

Sir:

In response to the Office Action dated December 22, 2004, kindly consider the following Remarks.

REMARKS ARE SET FORTH BEGINNING ON PAGE 2 OF THIS RESPONSE A.